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### PART III—SECTION 2

#### Notifications and Notices issued by the Patent Office relating to Patents and Designs

##### THE PATENT OFFICE

##### Patents and Designs

Calcutta, the 16th August 1958

##### Special Notice

The following Group of Abridgments of Patent Specifications has been published and copies thereof are available for sale with the Manager of Publications, Civil Lines, Delhi at Re. 1/- per copy.

Copies are also available for sale at the Counter of the Government of India Book Depot, 8, Hastings Street, Calcutta, on cash payment.

##### Group I — Agriculture.

(Containing Abridgments of Patent Specifications between Nos. 30,001 and 35,000).

##### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

31st July 1958

- 64803. S. P. Joshi. Improvements in or relating to closing means (closures) for bottles, vacuum-flasks, jars, drums and like containers.
- 64804. Damodar Das Gupta. Improvements in the preparation of hot tea (The Tea Tablet).
- 64805. Simon-Carves Limited. Improvements relating to the treatment of industrial effluents.
- 64806. United States Atomic Energy Commission. Preparation of high purity UF<sub>6</sub>.
- 64807. Oliver Pell Control Limited. Vibratory electric motor.
- 64808. The British Cotton Industry Research Association. Improvements in or relating to looms for weaving. (1st August 1957).
- 64809. B. V. Platen. Watercock.
- 64810. Aluminium Laboratories Limited. Recovery of aluminium in subhalide distillation.
- 64811. Societe Anonyme De Participations Appareillage Gardy. Insulator.
- 64812. Dr. Karl Thomae Gesellschaft mit beschränkter Haftung. Process for the production of 4-oxo-2-(halogenalkyl)-2:3-dihydro-(benzo-1:3-oxazines). [Addition to No. 60815.]
- 64813. Unilever Limited. New Chemical compounds and compositions containing them. (19th August 1957).
- 64814. R. K. Agarwal. Improvements in or relating to automatic road traffic control apparatus.
- 64815. Toyo Boseki Kabushiki Kaisha and Howa Kogyo Kabushiki Kaisha. Continuous production of slivers from textile fibres.

- 64816. Montecatini Societa Generale Per L'Industria Mineraria E Chimica and K. Ziegler. Improved process for the polymerisation of alpha-olefins.

- 64817. K. N. Geria. Cocroach Killer.

1st August 1958

- 64818. Bishwa Nath Acharyya. Bullock gear box
- 64819. Bishwa Nath Acharyya. Bullock gear box water lift.
- 64820. Societe Des Usines Chimiques Rhone-poulenc. New derivatives of methanol and processes for their production.
- 64821. Imperial Chemical Industries Limited. New organic compounds. (12th August 1957).
- 64822. H. W. Burrington. Thermoplastic yarns and method of processing same.
- 64823. Metropolitan-Vickers Electrical Company Limited. Improvements in and relating to electrical traction systems. (9th August 1957).
- 64824. Beecham Research Laboratories Limited. Improvements in or relating to substances produced from penicillin-producing moulds. (2nd August 1957).
- 64825. Ciba Limited. New antibiotics and process for their manufacture.
- 64826. Ciba Limited. New antibiotics and a process for their manufacture.
- 64827. F. D. Pudumjee. Improvements in or relating to the production of bleached pulp for the manufacture of paper and for like purposes.

2nd August 1958

- 64828. Khira Steel Works Private Limited. An improved method of fixing metal heading to table tops and the like.
- 64829. Khira Steel Works Private Limited. Improved suspension method for drawers.
- 64830. Khira Steel Works Private Limited. An improved locking device and method of fixing the same to drawers and the like.
- 64831. Imperial Chemical Industries Limited. New phthalocyanine compounds. (7th August 1957). [Addition to No. 59736.]
- 64832. Imperial Chemical Industries Limited. New azo dyestuffs. (16th August 1957).
- 64833. F. Nouvion. Electrical traction equipment.
- 64834. The Standard Oil Company. Motor fuel inhibitor.

4th August 1958

- 64835. Chas. Pfizer & Co. Inc. Therapeutic compositions. [Divisional date 1st April 1957.]
- 64836. Rohm & Haas Company. Method for preparing pesticidal carrier.

64837. C. E. Compton. Method of dehydrating gypsum or the like.
64838. C. E. Compton. Method of dehydrating gypsum or the like.
64839. C. E. Compton. Method of dehydrating gypsum or the like.
64840. D. Napier & Son Limited. Improving the fire resistance of light alloy articles. (7th August 1957).
64841. D. C. B. Limited. Improvements in or relating to writing instruments and parts thereof. (6th August 1957).
64842. Imperial Chemical Industries Limited. Antibacterial compositions. (19th August 1957).
64843. Keshav Chandra. Jolt eliminating rails.
64844. Montecatini Societa Generale Per L'Industria Mineraria E Chimica and K. Ziegler. Process for polymerizing alpha-olefins.
64845. The Pyrene Company Limited. Fire extinguishing composition. (12th August 1957).
64846. Ustav Pro Vyzkum Motorovych Vozidel. An internal combustion engine with localized self-ignition.
64847. Ustav Pro Vyzkum Motorovych Vozidel. An internal combustion engine with localized compression ignition and direct fuel injection from a single-orifice, a pintle or another orifice-nozzle.
- 5th August 1958
64848. Automatic Telephone & Electric Company Limited. Improvements in mounting arrangements for transducer head assemblies. (13th August 1957).
64849. Indian Telephone Industries Private Limited. Improvements relating to telephone receivers of the balanced armature type using non-magnetic diaphragm.
64850. Westinghouse Brake & Signal Company Limited. Improvements relating to vigilance control apparatus for automotive railway vehicles. (23rd August 1957).
64851. Westinghouse Brake & Signal Company Limited. Improvements relating to vigilance control apparatus for automotive railway vehicles. (23rd August 1957).
64852. Westinghouse Brake & Signal Company Limited. Improvements relating to vigilance control apparatus for automotive railway vehicles. (23rd August 1957).
64853. L. J. Buil. Method and device for placing into a hermetic vessel, separate, chemical, medicinal and cosmetic products, for their application or employment after mixing or dissolution.
64854. Fuller Company. Conveying apparatus.
64855. Dunlop Rubber Company Limited. Apparatus for the heat treatment of thermoplastic materials. (17th August 1957).
64856. Imperial Chemical Industries Limited. Improvements in the manufacture of trialkyl boranes. (30th August 1957).
64857. Imperial Chemical Industries Limited. Improvements in and relating to the production of Portland cement clinker. (11th September 1957).
64858. International Combustion (Holdings) Limited. Improvements in or relating to liquid fuel burning installations. (27th August 1957).
64859. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the manufacture of benzoquinoline compounds. (6th August 1957).
64860. Sandoz Ltd. The manufacture of new derivatives of podophyllic acid and picropodophyllic acid. (16th May 1958).
64861. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. New dyestuffs of the anthraquinone series and process for their manufacture.
64862. Kyowa Hakko Kogyo Kabushiki Kaisha. A method of producing citric acid by fermentation.
64863. Timber Box Manufacturing Company. Improvements in or relating to kobbins. [Addition to No. 59589.]
64864. Syntex S.A. Process for the manufacture of halogen pregnenes.
64865. Ciba Limited. New esters and a process for their manufacture.
64866. Ciba Limited. Di-[benzimidazolyl-(2)]-ethylene compounds and process of same.
64867. United States Borax & Chemical Corporation. Process for recovering flotation reagents.
64868. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Leuco-sulphuric acid esters of dyestuffs of the benzanthrone-pyrazolanthrone series and process for their manufacture.
64869. Libbey-Owens-Ford Glass Company. Method of and apparatus for cleaning glass sheets.
- 6th August 1958
64870. Dwarkadas. Improvements in or relating to the cycle "Gear-case".
64871. Bengal Immunity Co., Ltd. Improvements in or relating to the preparation of hydrazine.
64872. The M-O Valve Company Limited. Improvements in or relating to methods of metallizing surfaces of ceramic bodies incorporated in thermionic valves. (8th August 1957).
64873. The General Electric Company Limited. Improvements in or relating to methods of metallizing surfaces of ceramic bodies. (8th August 1957).
64874. Whitin Machine Works. Builder mechanism.
64875. Whitin Machine Works. Spindle brake.
64876. PECHINEY Compagnie de Produits Chimiques et Electrometallurgiques. Process and apparatus for heating and cooling powders.
64877. Merck & Co., Inc. Chemical compounds and processes for preparing the same. (13th January 1958).
64878. D. Napier & Son Limited. Rotors for multi stage axial flow compressors or turbines.
64879. D. Napier & Son Limited. Rotors for multi stage axial flow compressors or turbines.
64880. W. & T. Avery, Limited. An improved precision potentiometer. (10th August 1957).
64881. Ciba Limited. Manufacture of veterinary compositions and their use.
64882. Ciba Limited. Manufacture of alkylated heterocycles.
64883. Ciba Limited. Manufacture of cyclic nitrogen compounds.
64884. J. N. Masci and H. F. Maso. Antiseptic or germicidal composition.
64885. Portable Balers Limited. Improvements relating to fluid actuated testing apparatus. (4th March 1958).
- Alteration of Date**
59694. The claim to priority date 22nd February 1956 has been abandoned and the application dated as of 19th February 1957, the date of filing in India.
60549. The claim to priority date 8th June 1956 has been abandoned and the application dated as of 20th May 1957, the date of filing in India.
62091. The claim to priority date 1st November 1956 has been disallowed and the application dated as of 25th October 1957, the date of filing in India.
63070. Ante-dated to 9th April 1957, under Section 5 of the Act.
63500. The claim to priority date 22nd March 1957 has been disallowed and the application dated as of 21st March 1958, the date of filing in India.
64038. Ante-dated to 9th April 1957, under Section 5 of the Act.
64389. Ante-dated to 26th July 1957, under Section 5 of the Act.
- Applications Accepted**
- Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

59030. Shri Ram Institute for Industrial Research. Improvements in or relating to the application of fluidised beds for the treatment of textiles and like materials. Accepted on 2nd August 1958.

*Passing the textile material through a fluidised bed wherein fluids are impinged on the textile material substantially at right angles to the material.*

59031. Shri Ram Institute for Industrial Research. Improvements in or relating to the treatment of textiles or like material in fluidised beds. Accepted on 2nd August 1958.

*Passing the textile successively through a fluid medium, a molten metal bath and a fluidised bed of solid discrete particles.*

59033. Shri Ram Institute for Industrial Research. An improved means for threading textile or like materials through the fluidised bed of solid discrete particles. Accepted on 31st July 1958.

*Threading on pair of endless chains moving into and out of fluidized bed column.*

59523. D. J. Dastur. Device for attachment to internal combustion engines, particularly petrol engines, to enable crude oils and their components such as kerosene diesel oil or the like to be used as fuel therefor. Accepted on 31st July 1958.

*Comprising a housing containing hollow bodies heated by exhaust gases, the external surfaces of which form with the walls of the housing cambered venturis and on which fuel oil is poured.*

59524. D. J. Dastur. Device for attachment to an internal combustion engine, for example a petrol engine, to enable crude oil to be used as a fuel therefor. Accepted on 31st July 1958.

*Comprising a metal housing enclosing a hollow chamber having one or more rotating metal bodies to cause friction between the body and inner surface of the chamber and fuel oil is poured into said chamber.*

59525. D. J. Dastur. Fuel injector assembly for internal combustion engines. Accepted on 31st July 1958.

*Jet unit adapted to deliver a jet of liquid fuel onto a hot metal surface and a venturi unit with an inlet of variable area for admission of gaseous fuel and air.*

59582. The British Rayon Research Association. Method of and apparatus for controlling sheet material in fluidised beds. (18th February 1956). Accepted on 4th August 1958.

*Passing through seal, at bottom of fluidised bed, comprising unf fluidised particles of larger size than that of fluidized particles.*

59624. Indian Oxygen Limited, formerly known as The Indian Oxygen & Acetylene Company Private Ltd., Method of electric arc cutting. (24th February 1956). Accepted on 4th August 1958.

*Surrounding the arc with shielding gas of between 5 per cent and 50 per cent by volume of hydrogen and a gas mixture of gases selected from a group comprising nitrogen, carbon dioxide and hydrocarbons gaseous at normal atmospheric temperature.*

59694. T. T. Solness. Agricultural cultivator. Accepted on 5th August 1958.

*Includes at least one blade maintained at an inclination to horizontal.*

60117. Oregon Metallurgical Corporation. Method of manufacturing titanium and titanium alloys. Accepted on 5th August 1958.

*Reaction is allowed to proceed exothermically below the temperature of reaction.*

60152. Ciba Limited. New Tetrahydro-dioxypyridazines and process for their manufacture. Accepted on 2nd August 1958.

*A 1-aryl 2 alkyl-4 or 5 substituted-3, 6-dioxo-1, 2, 3, 6-tetrahydropyridazine is treated with  $\text{NH}_3$  or amine and the resulting amines are if desired converted into quaternary ammonium or acid addition salts.*

60210. Council of Scientific and Industrial Research. A process for the treatment of rice bran for the preparation of a tocopherol rich oil, a vitamin B complex concentrate and inositol for medicinal use. Accepted on 1st August 1958.

*Extracting lipids from rice bran by alcohol, followed by partitioning with petrol.*

60217. J. Bayard, S. F. Rabin and M. D. Scisorek. Flavored drinking straw. Accepted on 2nd August 1958.

*Incorporating a flavored insert of fibrous material inside the tubular body.*

60238. Veb Werk fur Signal-Und Sicherungstechnik Berlin. Electrical signalling system particularly for rail roads. Accepted on 6th August 1958.

*Comprising two magnetising cores having two winding for magnetisation, one winding being connected in series and the other in parallel across oppositely poled rectifiers and coupled respectively to loads.*

60318. Ciba Limited. Process for the manufacture of alkaloids. Accepted on 22nd July 1958.

*Removing reserpine ajmalicine group with benzene from aqueous acidic solution of rauwolfia plants alkaloids and obtaining raunescine group by extracting remainder with ethylene chloride.*

60444. Carry-Pack Co., Ltd. Automatic devices for the manufacture of parcel carriers. Accepted on 5th August 1958.

*Tape and ribbon drawn from different supply sources are secured together by means of a reciprocating head in such a way that the ribbon provides looped handles for parcel carrier.*

60546. Imperial Chemical Industries Limited. Continuous bleaching of cellulosic textile materials. (23rd May 1956). Accepted on 1st August 1958.

*Passing the cellulosic textile materials successively through a bath of trichloro or perchloroethylene, an aqueous acid hypochlorite solution and a bath of a peroxygen compound.*

60549. Olin Mathieson Chemical Corporation. Solubilized nystatin and compositions thereof. Accepted on 31st July 1958.

*Comprising amorphous nystatin and sodium lauryl sulfate.*

60562. Rohm & Haas Company. Preparation of dinitro-alkylphenyl methacrylates. Accepted on 2nd August 1958.

*Treating dinitroalkyl (or cyclo alkyl or phenyl) phenol with alkali metal and reacting said phenate with methacryloyl halide.*

60602. Rohm & Haas Company. Preparation of dinitrophenyl 4-pentenoates and use thereof. Accepted on 2nd August 1958.

*Reacting phenate with 4-pentenoyl halide.*

60642. Imperial Chemical Industries Limited. New printing process. (15th June 1956). [Addition to No. 55849.] Accepted on 6th August 1958.

*Applying to textile materials printing paste containing monoazo or polyazo dyestuff and as a separate step applying to textile materials aqueous solution of acid binding agent.*

60774. National Research Development Corporation. Apparatus for removing soil from harvested plants. (14th June 1956). Accepted on 2nd August 1958.

*A conveyor arranged to carry plants with the crop-carrying parts of the plants dangling, and a beater arranged to be rotated as plants are conveyed.*

60789. May & Baker Limited. Aza-bicyclo-(3, 2, 1)-octanes and -octenes and process for their preparation. Accepted on 2nd August 1958.  
*Treating 6-alkyl-6-nitro-bicyclo (2, 2, 1)-heptane with lithium-aluminium hydride.*
60817. British Timken Limited. Improvements relating to bearings. (20th August 1956). Accepted on 31st July 1958.  
*Comprising a sleeve or outer shell into open end of which is fitted a cover or sealing member an axially outward portion of which is spaced from interior surface of the surrounding sleeve by a circumferential space or clearance and the sleeve being provided with aperture or apertures.*
60826. Council of Scientific and Industrial Research. Improvements in or relating to the production of hydroxy, alkoxy or aryloxy substituted deoxybenzoin and particularly of deoxyanisoin. Accepted on 5th August 1958.  
*Reacting a phenol or a phenol ether with acylacetic acid using a mixture of phosphorus oxychloride and anhydrous zinc chloride as a condensing agent.*
60856. Imperial Chemical Industries Limited. Improvements in or relating to electrolytic cells. (27th June 1956). Accepted on 2nd August 1958.  
*Connections to graphite anodes comprised of titanium or conducting metals coated with titanium.*
60885. American Cyanamid Company. Recovery of tetracycline from solutions thereof. Accepted on 31st July 1958.  
*Contacting methylalkyl ketone solution of crude tetracycline with acidulated water, separating resulting aqueous phase containing tetracycline adjusting pH to about 2-4 and recovering tetracycline by crystallization.*
60961. PECHINEY Compagnie de Produits Chimiques et Electro-metallurgiques. Process for the reduction of aluminium oxide. Accepted on 5th August 1958.  
*Aluminium oxide and carbon are heated in an electric furnace at 2400°C.*
60999. Sterling Drug Inc. Process for the preparation of substituted metathiazanones. (3rd April 1957). Accepted on 2nd August 1958.  
*Heating a mixture of an aldehyde of the formula  $Ar-CHO$ , a beta-mercaptopropionic acid of the formula  $HS-CH(R_1)C(R_2)(R_3)COOH$  and an aminating agent or hydrocarbylamine of the formula  $R-NH_2$ .*
61011. National Research Council. Treatment of hydrocarbon oils. (1st August 1956). Accepted on 6th August 1958.  
*Continually recycling oil through a treating zone in contact with calcium maintained in electrical contact with a sodium-Pb-Sn solder alloy.*
61094. Mena-Lux S.A. Absorption refrigerating machine. Accepted on 6th August 1958.  
*Tube system of boiler assembly is so arranged that the rich solution in passing through the system is heated in stages.*
61097. Simon-Carves Limited. Improvements relating to the production of ammonium sulphate. (19th July 1956). Accepted on 5th August 1958.  
*Solution is passed through a conversion vessel with simultaneous application of heat and pressure.*
61130. Union Carbide Corporation. Process for refining polyolefins. Accepted on 2nd August 1958.  
*Heating the solid polyolefin and a liquid hydrocarbon to a temperature above the melting point of the polyolefin to form a liquid solution and then mixing it with water to transfer catalyst residues to water.*
61153. Union Carbide Corporation. Purification of polyolefin crudes. Accepted on 2nd August 1958.  
*Mixing a slurry of the polyolefin particles in the liquid hydrocarbon with water at a temperature below the melting point of the polyolefin to transfer catalyst residues to water.*
61170. N. V. De Bataafsche Petroleum Maatschappij. Process for the preparation of liquid hydrocarbon mixtures with improved octane number and improved volatility for use as a component in motor gasolines. Accepted on 1st August 1958.  
*Comprises catalytic reformation in the presence of a platinum catalyst.*
61181. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process and device for the manufacture of unsaturated hydrocarbons from more saturated hydrocarbons by pyrolysis. [Addition to No. 58381]. Accepted on 31st July 1958.  
*Fuel and the oxidising gas are introduced through radial bore holes in at least one plane.*
61208. "SHELL" Research Limited. Lubricating oil compositions and fuels suitable for use in two-stroke internal combustion engines. Accepted on 2nd August 1958.  
*Mineral lubricating oil, oil-soluble metal salt of organic acid and halo-hydrocarbon, if desired together with a liquid fuel.*
61240. Imperial Chemical Industries Limited. New polymerisation process. (15th August 1956). Accepted on 31st July 1958.  
*Mixing ethylene, under pressure, with the product retained by treating titanium dichloride with aluminium chloride, bromide or iodide.*
61235. Chas. Pfizer & Co. Inc. Process for preparing tryptophane. Accepted on 31st July 1958.  
*Contacting a tryptophane auxotroph of *E. Coli* in a nutrient medium with compounds indole and serine.*
61342. The Mond Nickel Company Limited. Improvements relating to methods of forming metal powder into continuous compacts suitable for sintering to strip. (3rd August 1956). Accepted on 5th August 1958.  
*Metal powder is passed through a pair of rollers and a gas of lower viscosity is used at the roller gap.*
61358. Schmidt'sche Heissdampf-Gesellschaft Mit Beschränkter Haftung. U-Shaped return bend, especially for superheaters and the like. Accepted on 31st July 1958.  
*U-shaped return bend made of tubes arranged in distances and parallel to each other, possessing two tube shanks welded together at the front ends and closed by means of a welded on cap.*
61392. Veb Dampferzeuger. A combined steam generating plant and gas turbine. Accepted on 2nd August 1958.  
*Hot air for the gas turbine is compressed and subsequently heated in a directly heated air heater before it is supplied to the gas turbine.*
61407. Societe Des Forges Et Ateliers Due Creusot, (Societe Anonyme). Automatic upstream water level control weir. Accepted on 31st July 1958.  
*Two platforms pivotally mounted one about a fixed axle, the other about the upper edge of a wall mounted oscillatory about a horizontal axis, the said axis being parallel to the apex of the wedge formed, by the two platforms.*
61544. Dunlop Rubber Company Limited. Improvements in disc brakes. [Addition to No. 46241]. Accepted on 1st August 1958.  
*Friction pads of rectangular shape connected to each other by a web portion extending circumferentially adjacent the periphery of the disc.*
61554. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the manufacture of novel sulfanilamido-isoxazol derivatives. Accepted on 2nd August 1958.  
*Reacting a metal salt of 3, 4-dimethyl-5-sulfanilamido isoxazole with a substituted halo-carbonate.*

61728. The International Meehanite Metal Company Limited. Improvements relating to the feeding of materials to baths of molten metal. Accepted on 4th August 1958.

*Comprising a plurality of reservoirs for materials to be fed, means for delivering in controllable quantities, means to supply controlled quantity of gas under pressure, and a conduit leading from the receiver and adapted to be inserted below the surface of molten metal.*

61756. Minnesota Mining and Manufacturing Company. Improvements relating to the production of permanent facsimile copies of a graphic original. Accepted on 2nd August 1958.

*Placing over graphic original a heat sensitive rapidly reactive copy sheet capable of absorbing radiant energy and irradiating the original through copy sheet with radiant energy at sufficiently high intensity and for sufficiently short time to provide visible change in areas of copy sheet corresponding to more reflective areas and avoiding visible change in the rest.*

61894. Societe Anonyme des Etablissements R. Gasquard "La Chimie Industrielle". Process for the manufacture of products in terra cotta and articles such as firebricks. Accepted on 2nd August 1958.

*A binder formed of an oxide of a light metal and an inorganic acid is added to the ground constituent.*

61938. Dr. C. Otto & Comp. G.m.b.H. Process and device for the synthesis of hydrocyanic acid from carbon monoxide and ammonia. Accepted on 6th August 1958.

*Passing carbon monoxide and ammonia through catalyst bed.*

61948. Societe d'Etudes pour le stockage et le transport sousmarins des Fluides (S.O.M.A.F.). Device for under-water transport of liquid, gaseous or powdered freight. Accepted on 31st July 1958.

*Comprising a flexible container which forms a hull and has the shape of a solid having the least resistance to displacement in water.*

62000. Vitamins Limited. Improvements in or relating to materials having vitamin E activity. (15th October 1956). Accepted on 2nd August 1958.

*Reacting non-tocopherol with alkyl, aryl or aralkyl aldehyde in presence of phosphorous pentachloride, phosphorous oxychloride, sulphuryl chloride or chlorosulphonic acid.*

62060. Dunlop Rubber Company Limited. Improvements in braking systems. (27th October 1956). Accepted on 1st August 1958.

*A friction device adapted to engage a rail and thereby move in a direction opposite to that of the vehicle, means to effect said engagement and means actuated by said movement to operate main brake.*

62091. William Kenyon & Sons Limited. Improvements in spindles for spinning and doubling machines. Accepted on 6th August 1958.

*A driving pulley to drive the spindle by a belt and an anti-friction idler means capable of being disposed spacedly from the belt or to engage the belt disengaged from the driving pulley.*

62246. E. I. Du Pont De Nemours and Company. Fibers and filaments having improved crimp characteristics and method for their production. Accepted on 6th August 1958.

*Comprising atleast two components from synthetic polymers arranged in an eccentric relationship and capable of squiring.*

62311. Modranske Strojirny CKD, narodni podnik. Improvements in compensators made of a resilient flexible material more particularly rubber. Accepted on 6th August 1958.

*Having cylindrical parts and a dilatation fold there between in the shape of a half wave, said cylindrical parts being encompassed by reinforcement rings.*

62313. M. Lakshmikantham. Improvement in pouch piercer for rapid maturity survey of sugarcane fields with hand refractometer. Accepted on 4th August 1958.

*Comprising a grooved piercing needle cast in one piece and to which a metallic cap with a pouch attached to its undersurface is fixed.*

62642. Owens-Corning Fibreglas Corporation. Storage battery plate separator. Accepted on 2nd August 1958.

*Comprising a mat of glass fibers, impregnated, and having its interstices filled with porous material, spaced-apart ribs on a face of separator projecting outwardly and integral with porous material filling interstices of the mat and an open porous web of glass fibres co-extensive with the mat superposed on the mat and adhered to outer ends of the ribs.*

62835. Sines, Sociedad Para Inversiones Extranjeras S.A. Device for connecting two flexible parts, method of manufacture of said device and installation for carrying out said method. Accepted on 6th August 1958.

*A device for connecting two flexible parts formed by two supports, provided with hooking members.*

62852. Imperial Chemical Industries Limited. Ethylene polymerisation. (13th February 1957). Accepted on 1st August 1958.

*Gaseous ethylene is brought into contact with the product obtained by treating a copper or silver compound with a hydride, alkyl or cyclo-alkyl of aluminium.*

62869. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to electric incandescent lamps. Accepted on 2nd August 1958.

*Bulb neck is surrounded by an annular cement mass by means of which two metal cylindrical parts are secured to the bulb, one part or both forming part of lamp cap or the aligning flanges.*

62980. Ciba Limited. 2-aryl-3-amino-pyrazoles and process for their manufacture. (3rd September 1957). Accepted on 6th August 1958.

*Condensing intramolecularly N aryl N'(B Cyano-ethyl) hydrazines with oxidizing agents.*

62995. La Telemecanique Electrique (Societe Anonyme). Improvements in or relating to distribution boxes for electric wiring systems. (8th July 1957). Accepted on 2nd August 1958.

*Equipped with a cover carrying conducting members providing a knife connection between clips and the outgoing cable, each of said members is constituted by a rider carried in insulating fashion by said cover.*

63043. Ciba Limited. Pigmented artificial resin lacquers dispersible in aqueous media and process for their manufacture. Accepted on 2nd August 1958.

*An inorganic pigment is dispersed in a lacquer containing a hardenable water insoluble etherified methylol compound of a substance of amide character and there is added an emulsifying agent.*

63064. B. M. Kamdar. An improved hinge for sofa-cum-bed. Accepted on 5th August 1958.

*Consisting of two invented J-shaped arms E and F pivoted to each other at M and another straight arm D pivoted to arm E and J and a coil spring connecting the arms.*

63070. Ciba Limited. New dioxo hydropyridazines and process for their manufacture. [Divisional date 9th April 1957]. Accepted on 2nd August 1958.

*1-aryl-4 or -5 halogeno 3:6-dioxo-1,2,3,6-tetrahydro-pyridazines and the corresponding 4,5-dihalogeno-1,2,3,4,5,6 hexahydropyridazines are prepared by combining halogen at the 4 : 5 double bond, and if desired splitting off HCl from the product.*

63078. Onoda Cement Company Limited. A flexible connecting tube for conveyance. Accepted on 2nd August 1958.

*Provided with a reinforcing cloth piece and with or without a stretching bone in each flexibly bending part and with re-inforcing ropes at outer periphery of the tube in the longitudinal direction.*

63093. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Process for the manufacture of a dodecahydrophenanthrene derivative. Accepted on 2nd August 1958.

*Reacting 1-vinyl-6-methoxy-3:4-dihydronaphthalene with methyl vinyl ketone.*

63143. O-M Spinning Machine Mfg. Co., Ltd. Improvements in carding machines. Accepted on 4th August 1958.

*Comprising a stationary cover spaced from the cylinder covering entire width and a portion of the circumference, the cover being provided with granular surface.*

63148. Hitachi Ship-building & Engineering Co., Ltd. A screw feeder of a reaction tube in a digesting apparatus for the manufacture of pulp. Accepted on 2nd August 1958.

*Consisting of rotating shaft with screw plate thereon, one or more additional screw plate or plates with same pitch secured on shaft, inserted between said main screw plate and other screw plate of opposite screw direction to that of main screw plate.*

63223. Ciba Limited. Process for the manufacture of stable aqueous resin emulsions of the oil-in-water type. Accepted on 2nd August 1958.

*Extracting alcohol with solvent miscible therewith but does not dissolve resin of resin lacquer, comprising water insoluble etherified methylol-compound of amide character which forms aminoplasts with formaldehyde and alcohol with 3—7 carbon atoms, and emulsifying product in water.*

63290. Mehtabuddin. Improvements in or relating to toy wheel bell. Accepted on 6th August 1958.

*Two bells mounted on the mudguards which have two springs loaded balls, wherein one end of which springs goes into slots provided along the periphery of the wheel.*

63366. C. E. Fulford Limited. Improvements relating to the production of senna products. (18th March 1957). Accepted on 2nd August 1958.

*Grinding pods and separating ground product to obtain fine powder.*

63500. C. W. Cheney and Son Limited and C. W. Cheney. Improvements relating to hasp fastenings for travel cases and like boxes. Accepted on 6th August 1958.

*A hasp member are provided with spaced coaxial bearing for the hinge pin said knuckle being received in a central gap in the attachment plate and aligned coaxially with end bearing.*

63583. Aluminium-Industrie-Aktien-Gesellschaft. Method for the recovery of fluorine from fluorine-containing waste gases. Accepted on 31st July 1958.

*Washing waste gases with water and reacting the solution with aluminium-and sodium containing material.*

63619. SKF Kugellagerfabriken Gesellschaft mit beschränkter Haftung. Improvements in or relating to textile drafting mechanism. Accepted on 2nd August 1958.

*The weighting means to the guide arms are mounted together with their seatings for lateral swinging movements.*

63842. Lawes Brothers Limited and Abrasive Developments Limited. Process for treating the surface of plastics material to give a matt surface. (25th April 1957). Accepted on 6th August 1958.

*In which a mixture of abrasive particles and water are projected on the surface of the plastic material at a velocity to produce a multiplicity of fine cuts in the surface to give a matt finish.*

63899. Sando Iron Works Co., Ltd. Continuous shifting apparatus for cloth by stagnation and forwarding. Accepted on 6th August 1958.

*Combination of stagnation tank, feeding rollers and shaking means, pairs of rotary shafts on both sides of stagnation tank, cloth receiving plates projecting within the tank and provided on rotary shafts, a solution vessel and guide rollers in solution vessel for taking out cloth.*

64038. Ciba Limited. Pharmaceutical preparations containing new pyridazines. [Division date 9th April 1957]. Accepted on 2nd August 1958.

*The preparations comprise 30—80 per cent of 1-aryl-2 alkyl-4-amino-3,6-dioxo-1,2,3,6 tetrahydropyridazine and a carrier.*

64389. Imperial Chemical Industries Limited. New polymerisation process. [Divisional date 26th July 1957]. Accepted on 31st July 1958.

*Mixing ethylene under pressure with the product obtained by treating vanadium dichloride with aluminium halide.*

#### Opposition Proceedings

An opposition has been entered by (1) Barar Beads Manufacturers (Private) Ltd., (2) Prabhat Beads, (3) Lakshmi Glassbeads Works & (4) Hind Glassbeads Works, to the grant of a patent on application No. 61538 made by Pearls & Beads (India).

#### Printed Specifications Published

A limited number of printed copies of the undernoted specifications are available for sale from Officer-in-Charge, Government of India, Central Depot, 8, Hastings Street, Calcutta, at two rupees per copy:—

53748. 54503. 54546. 54590. 54651. 54994. 55203. 55221. 55223. 55237. 55238. 55239. 55240. 55241. 55331. 55372. 55404. 55434. 55508. 55514. 55516. 55603. 55670. 55750. 55990. 56009. 56294. 56636. 56836. 56850. 57421. 57436. 57687. 57747. 57883. 58061. 58259. 58345. 58620. 55497.

#### Amendment Proceedings

(1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Intertype Corporation, Manufacturers, a Corporation organized and existing under the laws of the State of New York, United States of America, Located at 360 Furman Street, Brooklyn 1, New York, United States of America seek leave to amend the name, nationality and address of the Applicant in the application, specification and drawings in respect of Patent application No. 59134. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta 17. The proposed amendment may be seen free of charge at the Patent Office, or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(2)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Tiruvadi Vaidyanath Muthu Swami, Karugudi, Thiruvaiyaru P.O., Tanjore Dt. Madras State seek leave to amend, the description and claims in the specification in respect of Patent No. 60457. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office, or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(3)

The amendment proposed by Dr. Jaroslav Nemec in respect of Patent application No. 56071 as advertised in the Gazette of India Part III, Section 2 dated the 19th April 1958 has been allowed.

#### Registration of Assignments Licences Etc.

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interest:—

42514 } Luxmidutt Roopchand.  
48039 }  
47165 Madhukar Sadashiv Wadke.



**Renewal Fees Paid**

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 25608. | 26738. | 26777. | 26845. | 26951. | 27655. | 28548. | 29028. | 29033. |
| 29040. | 30026. | 30062. | 30063. | 31394. | 33380. | 33479. | 33592. | 35679. |
| 36111. | 36602. | 37330. | 38166. | 38217. | 38218. | 38781. | 40291. | 40301. |
| 40302. | 40450. | 40473. | 40893. | 41740. | 41794. | 41956. | 42024. | 42044. |
| 42110. | 42362. | 43546. | 43548. | 43574. | 43583. | 43632. | 43678. | 43679. |
| 43720. | 43752. | 43757. | 43870. | 43884. | 43891. | 44212. | 44215. | 45554. |
| 45611. | 45617. | 45650. | 45656. | 45734. | 45735. | 45794. | 45893. | 45914. |
| 45933. | 45959. | 46299. | 47690. | 47797. | 47862. | 47882. | 47963. | 48019. |
| 48077. | 48090. | 48129. | 48142. | 48143. | 48159. | 48305. | 48743. | 48744. |
| 49614. | 49883. | 49884. | 49885. | 50020. | 50032. | 50171. | 50193. | 50375. |
| 50380. | 50433. | 50434. | 50475. | 50542. | 50715. | 51728. | 52335. | 52402. |
| 52484. | 52514. | 52525. | 52531. | 52552. | 52643. | 52654. | 52687. | 52713. |
| 52733. | 52755. | 52786. | 52839. | 52944. | 52965. | 53010. | 53138. | 53139. |
| 53230. | 53366. | 55011. | 55044. | 55045. | 55046. | 55052. | 55081. | 55100. |
| 55156. | 55164. | 55208. | 55248. | 55262. | 55603. | 55604. | 56537. |        |

**Cessation of Patents**

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 29541. | 29548. | 29563. | 29572. | 30871. | 32451. | 33040. | 34366. | 34722. |
| 37295. | 39510. | 39611. | 39612. | 39614. | 41314. | 43061. | 43073. | 43075. |
| 37295. | 39510. | 39611. | 39612. | 39614. | 41314. | 43061. | 43073. | 43085. |
| 52803. |        |        |        |        |        |        |        |        |

**Registration of Designs**

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 95045. Jaybee Group Investments (Pty) Ltd., a Company incorporated in the Union of South Africa, of 314 Hunstanton, corner Twist & Kotze Streets, Hillbrow, Johannesburg, Union of South Africa, "Pressure Stove", (3rd Decmber 1957), May 15, 1958.

Class 1. No. 95370. Dhanraj Sajmal Shah, Indian, C/o Telaria Novelty 98/104, Dady Sheth Agiari Lane, Bombay-2, "Base or stand plate", June 12, 1958.

Class 1. No. 95417. The Singer Manufacturing Company, a Corporation organised under the laws of the State of New Jersey, United States of America, of Elizabeth, New Jersey, United States of America, "A sewing machine", June 18, 1958.

Class 1. No. 95443. The Singer Manufacturing Company, a Corporation organised under the laws of the State of New Jersey, United States of America, of Elizabeth, New Jersey, United States of America, "A sewing machine", June 20, 1958.

Class 4. No. 94806. Pals Fruit Products, 22, Model Town, Amritsar (Punjab), Indian Partnership concern, "A bottle", April 22, 1958.

Class 5. No. 94617. Empire Playing Card Co., 5115 Kasab Pura, Sadar Bazar, Delhi Indian Company, "Carton", April 7, 1958.

Class 13. Nos. 93573 and 93579. Shree Shubhlaxmi Mills Ltd., an Indian Firm situated at Station Road, Cambay, "Cotton piece goods", December 27, 1957.

Class 13. Nos. 94717 and 94718. Messrs. Vijay Dyeing & Printing Mills Atlas Mills Compound, Reay Road, Bombay 10, "Textile cloth", April 12, 1958.

Class 13. Nos. 95445 to 95447. Calico Dyeing & Printing Mills Private Ltd., Industrial Estates, 41E Parel Chawl Road, Lalbaug, Bombay 12, Indian business concerns (Private Limited Company), "Textile goods including silks and art-silk piece-goods", June 21, 1958.

Class 13. Nos. 95448 to 95468. The Century Spg. & Mfg. Co. Ltd., Indian Company, Industry House, 159, Churchgate Reclamation, Bombay 1, "Textile goods", June 13, 1958.

Class 13. Nos. 95495 and 95496. The Ahmedabad Advance Mills Ltd., an Indian Company of Bombay House, Bruce Street, Fort, Bombay, "Textile goods", July 2, 1958.

Class 13. Nos. 95506 to 95509. The Silver Cotton Mills Co. Ltd., Kankaria Road, Post Box No. 27, Ahmedabad, Indian Company, "Textile goods", July 2, 1958.

Class 13. Nos. 95510 to 95512 and 95514 and 95515. Calico Dyeing & Printing Mills Private Ltd., Industrial Estates, 41E Parel Chawl Road, Lalbaug, Bombay 12, Indian business concern, (Private Limited Company), "Textile goods including silks and art-silk piece-goods", July 2, 1958.

Class 13. Nos. 95599 and 95600. The Tata Mills Ltd., an Indian Company of Bombay House, Bruce Street, Fort, Bombay, "Textile goods", July 8, 1958.

Class 13. Nos. 95608 to 95615. The Silver Cotton Mills Co. Ltd., Kankaria Road, Post Box No. 27, Ahmedabad, Indian Company, "Textile goods", July 9, 1958.

Class 13. Nos. 95620 to 95622. Messrs. Vijay Dyeing & Printing Mills, Atlas Mills Compound, Reay Road, Bombay 10, Indian partnership firm, "Textile Cloth", July 1958.

Class 13. Nos. 95635 to 95643. Calico Dyeing & Printing Mills Private Ltd., Industrial Estates, 41E Parel Chawl Road, Lalbaug, Bombay 12, Indian business concern (Private Limited Company), "Textile goods including silks and art-silk piece-goods", July 12, 1958.

Class 14. No. 83578. Shree Shubhlaxmi Mills Ltd., an Indian Firm, situated at Station Road, Cambay, "Cotton piece goods", December 27, 1958.

**Cancellation of the Registration of Designs.**

On application made by Abdul Majid for cancellation of the registration of design No. 85995 in the name of Ahmad Hussain & Co., which was notified in Part III, Section 2 of the Gazette of India dated 25th August 1956, the registration of the said design has been cancelled.

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Afco Private Limited—64675.

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DR. N. N. CHATTERJEE  
Controller of Patents and Designs

